



The tables on the following pages show the energy performance data for Blueridge mini-split systems.

This data is supplied directly from the manufacturer.

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Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

COOLING PERFORMANCE DATA - Standard Non-Ducted

Zone	Model	Cooling		Outdoor conditions (DB)																		
		Indoor		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	15F (-9.4C)	25F (-3.9C)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	115F (46.1C)	122F (50C)	
		DB	WB																			
Two Zone	BM18M23C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	15.89	17.27	18.18	18.27	18.09	17.72	17.36	17.92	18.48	19.03	19.37	19.70	20.04	18.34	16.49	11.04	10.65	9.10
				SC	12.39	13.47	14.18	14.25	14.11	13.83	13.54	13.98	14.41	14.85	15.11	15.38	15.64	14.67	14.01	11.04	10.65	9.10
		70F (21.1C)	59F	TC	17.27	18.77	19.76	19.86	19.66	19.26	18.87	19.48	20.08	20.69	21.05	21.42	21.78	19.94	17.92	12.00	11.58	9.89
				SC	13.47	14.64	15.41	15.49	15.34	15.03	14.72	15.19	15.67	16.14	16.43	16.71	17.00	15.95	15.23	12.00	11.58	9.89
		75F (23.9C)	63F	TC	18.65	20.28	21.34	21.45	21.23	20.81	20.38	21.04	21.69	22.35	22.74	23.13	23.52	21.54	19.35	12.96	12.51	10.13
				SC	13.05	14.19	14.93	15.01	15.29	15.40	15.28	15.85	16.41	16.98	17.44	17.89	18.35	17.01	15.87	11.53	11.88	9.93
		80F (26.7C)	67F	TC	19.53	21.23	22.35	22.46	22.18	22.53	22.85	23.28	23.72	24.15	24.47	24.79	25.11	23.85	21.54	14.82	14.22	10.40
				SC	14.65	15.93	16.77	16.85	16.64	18.05	17.14	17.46	17.79	18.11	18.18	18.26	18.33	17.89	16.16	14.52	14.08	10.40
Three Zone	BM27M23C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	26.21	28.49	29.99	30.14	29.97	29.99	29.58	29.76	29.95	30.13	30.03	29.94	29.84	24.78	22.50	18.38	16.16	14.21
				SC	18.35	19.95	21.00	21.10	20.99	20.99	20.71	20.84	20.97	21.10	21.87	22.65	23.43	20.99	19.96	17.87	15.83	14.21
		70F (21.1C)	59F	TC	28.49	30.97	32.60	32.76	32.58	32.60	32.15	32.35	32.55	32.75	32.65	32.54	32.44	26.94	24.46	19.98	17.56	15.45
				SC	19.95	21.68	22.83	22.94	22.82	22.51	22.65	22.79	22.93	23.78	24.62	25.47	22.82	21.70	19.42	17.21	15.45	
		75F (23.9C)	63F	TC	30.78	33.45	35.21	35.39	35.19	35.21	34.72	34.94	35.15	35.37	35.26	35.15	35.04	29.10	26.42	21.58	18.96	16.69
				SC	21.54	23.41	24.65	24.77	24.63	24.65	24.31	24.46	24.61	24.76	25.27	25.77	26.28	23.86	22.72	19.42	18.02	16.52
		80F (26.7C)	67F	TC	32.31	35.12	36.96	37.15	37.24	37.08	37.51	37.57	37.62	37.68	37.63	37.58	37.53	35.39	32.75	24.71	23.96	20.15
				SC	22.62	24.59	25.88	26.01	26.07	25.96	26.26	26.30	26.34	26.38	26.57	26.76	26.95	26.08	25.06	22.09	23.84	20.05
Four Zone	BM36M23C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	30.50	33.15	34.90	35.07	35.22	35.46	35.13	35.93	36.74	37.55	37.23	36.92	36.61	34.94	33.27	25.95	24.44	21.58
				SC	22.47	24.42	25.70	25.83	25.94	25.47	25.24	26.21	27.19	28.16	28.46	28.75	29.04	28.27	27.47	24.29	24.09	21.27
		70F (21.1C)	59F	TC	33.15	36.03	37.93	38.12	38.28	38.54	38.18	39.06	39.93	40.81	40.47	40.13	39.79	37.98	36.16	28.21	26.56	23.46
				SC	24.42	26.54	27.94	28.08	28.20	27.68	27.43	28.49	29.55	30.61	30.93	31.25	31.57	30.73	29.86	26.40	26.18	23.12
		75F (23.9C)	63F	TC	34.19	37.17	39.12	39.32	39.49	39.73	40.36	40.92	41.47	42.03	41.81	41.60	41.38	41.02	39.05	30.47	28.68	25.34
				SC	25.16	27.35	28.79	28.93	29.04	28.51	28.25	29.34	30.44	31.53	32.33	33.13	33.93	36.10	35.15	28.03	27.25	24.83
		80F (26.7C)	67F	TC	34.92	37.95	39.95	40.15	40.51	40.98	41.10	41.60	42.11	42.61	42.54	42.48	42.41	40.63	38.82	32.17	30.47	27.53
				SC	25.66	27.89	29.36	29.51	29.76	29.83	29.47	30.30	31.13	31.96	32.07	32.19	32.30	31.45	30.57	28.30	30.18	27.25
Five Zone	BM48M22C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	33.80	36.74	38.68	38.87	39.11	38.52	37.94	38.16	38.39	38.61	38.46	38.31	38.15	36.17	33.36	30.33	27.47	24.42
				SC	23.67	25.72	27.08	27.21	27.38	26.97	26.56	27.10	27.65	28.19	30.21	32.24	34.26	33.91	32.69	30.33	27.47	24.42
		70F (21.1C)	59F	TC	36.74	39.94	42.04	42.25	42.51	41.87	41.24	41.48	41.73	41.97	41.80	41.64	41.47	39.32	36.26	32.97	29.86	26.54
				SC	25.72	27.96	29.43	29.58	29.76	29.31	28.87	29.46	30.05	30.64	32.84	35.04	37.24	36.86	35.53	32.97	29.86	26.54
		75F (23.9C)	63F	TC	39.68	43.13	45.40	45.63	45.91	45.22	44.54	44.80	45.07	45.33	45.15	44.97	44.79	42.47	39.16	35.61	32.25	28.66
				SC	28.97	31.49	33.14	33.31	33.51	33.01	32.51	33.31	34.10	34.90	35.66	36.41	37.17	36.10	34.07	32.05	32.25	28.66
		80F (26.7C)	67F	TC	47.08	51.18	53.87	54.14	54.68	54.58	55.15	55.67	56.20	56.72	57.90	59.08	60.26	56.82	53.16	40.95	38.57	35.24
				SC	35.97	39.10	41.15	41.36	41.01	42.12	42.11	42.25	42.40	42.54	43.71	44.87	46.04	44.49	42.79	37.95	38.57	35.24

LEGEND
 DB --- Dry Bulb
 WB --- Wet Bulb
 TC --- Total Net Capacity (1000 Btu/hour)
 SC --- Sensible Capacity (1000 Btu/hour)
 Input --- Total Power (kW)



Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

HEATING PERFORMANCE DATA - Standard Non-Ducted

Zone	Model	Heating		Outdoor conditions (DB)														
		Indoor Conditions DB		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	0F (-17.8C)	5F (-15C)	17F (-8.3C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	35F (1.7C)	39.2F (4C)	44.6F (7C)	47F (8.3C)	53.6F (12C)	57F (13.9C)
Two Zone	BM18M23C Non-Ducted (208-230V)	60F (15.6C)	TC	8.11	9.54	11.60	12.54	13.98	19.21	19.46	20.59	20.74	21.67	23.23	24.79	25.82	26.94	27.35
			Input	1.64	1.71	1.76	1.80	1.83	1.93	1.95	2.01	1.60	1.66	1.69	1.72	1.79	1.84	1.87
		65F (18.3C)	TC	7.99	9.40	11.43	12.35	13.77	18.92	19.17	20.28	20.43	21.34	22.88	24.41	25.43	26.54	26.94
			Input	1.67	1.74	1.79	1.83	1.86	1.96	1.98	2.04	1.63	1.69	1.72	1.75	1.82	1.87	1.90
		70F (21.1C)	TC	5.56	6.54	7.69	8.14	9.66	13.02	15.94	17.13	18.93	19.66	21.33	23.00	23.96	26.27	26.67
			Input	1.38	1.44	1.46	1.47	1.52	1.63	1.68	1.76	1.80	1.88	1.88	1.87	1.95	1.94	1.97
		75F (23.9C)	TC	5.47	6.44	7.57	8.02	9.52	12.79	15.70	16.87	18.65	19.37	21.01	22.66	23.60	25.88	26.27
			Input	1.41	1.47	1.49	1.50	1.55	1.66	1.71	1.79	1.83	1.91	1.91	1.90	1.98	1.97	2.00
Three Zone	BM27M23C Non-Ducted (208-230V)	60F (15.6C)	TC	12.71	14.95	17.25	18.73	20.15	20.66	21.04	24.31	26.43	27.22	32.07	36.92	38.03	40.27	40.88
			Input	2.49	2.59	2.63	2.65	2.67	2.36	2.39	2.42	2.45	2.46	2.71	2.96	2.99	2.67	2.71
		65F (18.3C)	TC	12.52	14.73	16.99	18.45	19.85	20.35	20.72	23.98	25.12	26.89	31.63	36.37	37.46	39.67	40.27
			Input	2.52	2.62	2.66	2.68	2.70	2.39	2.42	2.50	2.58	2.59	2.79	2.99	3.02	2.70	2.74
		70F (21.1C)	TC	9.30	10.94	12.26	14.52	16.82	20.94	21.08	22.09	24.13	25.11	30.67	36.22	37.23	40.10	40.71
			Input	2.20	2.29	2.31	2.46	2.53	2.70	2.71	2.58	2.69	2.73	2.89	3.04	3.06	3.12	3.17
		75F (23.9C)	TC	9.16	10.78	12.08	14.30	16.57	20.63	20.76	21.77	22.83	24.78	30.23	35.68	36.75	39.50	40.10
			Input	2.23	2.32	2.34	2.49	2.56	2.73	2.74	2.71	2.72	2.76	2.92	3.07	3.12	3.15	3.20
Four Zone	BM36M23C Non-Ducted (208-230V)	60F (15.6C)	TC	17.46	20.54	22.52	24.84	26.33	30.77	31.06	32.46	34.15	36.09	37.28	38.47	39.24	41.26	41.89
			Input	3.23	3.36	3.40	3.42	3.43	3.51	3.53	3.59	3.08	3.12	3.20	3.27	3.30	3.32	3.37
		65F (18.3C)	TC	17.20	20.23	22.18	24.47	25.94	30.31	30.59	31.97	33.64	35.55	36.72	37.89	38.65	40.64	41.26
			Input	3.25	3.39	3.43	3.45	3.46	3.54	3.56	3.62	3.11	3.15	3.23	3.30	3.33	3.35	3.40
		70F (21.1C)	TC	13.30	15.65	17.05	19.02	21.31	26.67	27.13	31.86	33.96	36.08	36.65	37.21	37.95	39.67	40.27
			Input	2.96	3.08	3.14	3.16	3.18	3.45	3.50	3.64	3.14	3.18	3.20	3.21	3.24	3.25	3.30
		75F (23.9C)	TC	13.11	15.42	16.79	18.73	20.99	26.27	26.72	31.38	33.45	35.54	36.10	36.65	37.38	39.07	39.67
			Input	2.99	3.11	3.17	3.19	3.21	3.48	3.53	3.67	3.17	3.21	3.23	3.24	3.27	3.28	3.33
Five Zone	BM48M22C Non-Ducted (208-230V)	60F (15.6C)	TC	20.35	23.94	25.31	27.13	29.48	33.67	34.15	36.61	40.56	44.08	50.41	56.74	57.87	66.65	67.67
			Input	3.98	4.15	4.26	4.26	4.28	4.30	4.32	4.48	4.06	4.28	4.32	4.36	4.40	4.34	4.41
		65F (18.3C)	TC	20.04	23.58	24.93	26.72	29.04	33.16	33.64	36.06	39.95	43.42	49.66	55.89	57.01	65.65	66.65
			Input	4.04	4.21	4.32	4.32	4.34	4.36	4.38	4.54	4.12	4.34	4.38	4.42	4.46	4.40	4.47
		70F (21.1C)	TC	13.29	15.64	17.45	24.88	24.12	30.07	30.42	35.94	38.56	42.09	48.96	55.83	56.95	64.75	65.74
			Input	3.42	3.56	3.66	4.70	3.94	4.16	4.19	4.58	4.43	4.63	4.67	4.71	4.76	4.96	5.04
		75F (23.9C)	TC	13.03	15.33	17.10	24.38	25.60	29.47	29.81	35.22	37.79	41.25	47.98	54.71	55.80	63.46	64.43
			Input	3.47	3.61	3.65	4.75	4.09	4.21	4.24	4.63	4.48	4.68	4.72	4.76	4.81	5.01	5.09

LEGEND
 DB --- Dry Bulb
 WB --- Wet Bulb
 TC --- Total Net Capacity (1000 Btu/hour)
 Input --- Total Power (kW)



Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

Hyper Heat model

COOLING PERFORMANCE DATA - non-ducted

Cooling ambient (F): 5, 15, 25, 35, 45, 55, 65, 75, 85, 95, 105, 115, 122

Zone	Model	Cooling			-22F (-30C)	-13F (-25C)	-5F (-20.6C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	15F (-9.4C)	25F (-3.9C)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	115F (46.1C)	122F (50C)																		
		Indoor																					Outdoor conditions (DB)																	
		DB	WB																																					
Two Zone	BMHH18M22C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	18.037	18.622	19.06	18.96	18.87	18.77	18.68	18.59	18.49	17.95	17.40	16.79	16.17	15.49	14.74	13.99	13.31	12.69																		
				SC	10.661	11.055	12.54	12.86	13.19	13.53	13.88	14.24	14.61	14.36	14.09	13.77	13.42	13.17	12.82	12.45	12.11	11.80																		
		70F (21.1C)	59F	TC	19.087	19.811	20.60	20.50	20.40	20.30	20.19	20.09	19.99	19.99	19.45	18.77	18.15	17.40	16.72	15.97	15.22	14.40	13.78																	
				SC	11.464	11.824	12.36	12.67	13.00	13.34	13.68	14.03	14.40	14.00	13.70	13.43	13.22	12.87	12.46	12.17	11.81	11.58																		
		75F (23.9C)	63F	TC	19.883	20.530	22.01	21.90	21.79	21.68	21.57	21.47	21.36	20.68	19.99	19.31	18.56	17.81	17.06	16.17	15.42	14.74																		
				SC	14.251	15.173	12.65	12.98	13.31	13.65	14.01	14.37	14.74	14.47	14.20	13.90	13.55	13.18	12.97	12.61	12.34	12.09																		
		80F (26.7C)	67F	TC	21.153	22.076	23.91	23.79	23.67	23.55	23.43	23.32	23.20	21.97	21.29	20.54	19.79	19.04	18.22	17.33	16.45	15.76																		
				SC	15.081	16.142	13.14	13.48	13.83	14.19	14.55	14.93	15.31	14.72	14.48	14.17	13.85	13.71	13.30	13.00	12.66	12.45																		
		Three Zone	BMHH27M22C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	24.715	26.99	28.09	28.65	28.51	28.37	28.22	28.08	27.94	27.13	26.20	25.18	25.26	24.67	22.11	20.98	20.27	19.14																
						SC	19.321	20.114	19.67	20.17	20.69	21.23	21.78	22.34	22.91	22.51	22.01	21.40	21.11	21.05	20.12	19.51	17.63	18.38																
				70F (21.1C)	59F	TC	26.28	28.20	30.11	30.96	30.80	30.65	30.50	30.35	30.20	29.17	28.25	27.84	27.20	26.92	23.95	22.83	21.60	20.68																
						SC	20.553	21.627	19.18	19.67	20.18	20.70	21.24	21.78	22.35	21.88	21.47	21.02	20.70	19.85	19.64	19.17	18.79	18.40																
75F (23.9C)	63F			TC	27.52	29.17	32.14	33.17	33.21	33.04	32.88	32.71	32.55	31.12	30.09	29.17	27.94	26.72	25.59	24.36	23.03	22.11																		
				SC	20.775	21.084	20.11	20.63	21.17	21.71	22.27	22.85	23.44	22.72	22.27	22.05	21.24	20.84	20.47	19.98	19.35	19.01																		
80F (26.7C)	67F			TC	30.24	31.626	33.70	34.52	35.34	36.16	35.98	35.80	35.62	33.16	32.04	31.78	29.79	28.56	27.33	26.00	24.67	23.65																		
				SC	22.101	22.671	21.10	21.64	22.20	22.77	23.36	23.96	24.58	23.22	22.75	22.19	22.04	21.42	21.04	20.54	19.98	19.63																		
Four Zone	BMHH36M22C Non-Ducted (208-230V)			65F (18.3C)	54F	TC	34.42	35.55	36.97	37.78	37.59	37.41	37.22	37.03	36.85	35.62	34.39	33.16	31.80	30.57	29.85	28.25	26.34	24.84																
						SC	23.531	25.634	25.93	26.60	27.29	27.99	28.72	29.46	30.22	29.57	29.23	28.52	27.98	27.51	25.30	24.73	24.23	23.84																
				70F (21.1C)	59F	TC	36.88	38.38	40.17	41.56	41.35	41.15	40.94	40.74	40.53	38.49	37.26	35.89	34.53	33.03	31.53	30.03	28.39	27.02																
						SC	25.033	27.564	26.09	26.77	27.46	28.16	28.89	29.64	30.40	29.25	28.69	28.00	27.28	26.75	26.17	25.52	24.98	24.32																
		75F (23.9C)	63F	TC	39.664	41.360	43.14	44.62	45.19	45.16	44.94	44.71	44.49	41.08	39.72	38.21	36.85	35.21	33.57	31.94	30.30	28.93																		
				SC	26.917	28.893	27.49	28.20	28.93	29.68	30.44	31.23	32.03	29.99	29.39	28.66	28.37	27.82	26.86	26.51	25.75	25.17																		
		80F (26.7C)	67F	TC	41.65	43.24	44.25	45.02	46.78	46.55	46.32	46.09	45.86	43.81	42.31	40.81	39.31	37.67	36.03	34.26	32.48	31.12																		
				SC	28.943	30.902	27.16	27.86	28.58	29.32	30.07	30.85	31.64	30.67	30.04	29.79	29.09	28.63	28.10	27.41	26.64	26.45																		
		Five Zone	BMHH48M22C Non-Ducted (208-230V)	65F (18.3C)	54F	TC	37.43	42.25	44.06	44.96	48.61	50.36	50.88	52.21	53.84	55.20	55.45	55.71	55.96	49.62	44.91	40.66	31.67	28.95																
						SC	26.20	30.00	30.86	31.49	35.29	36.89	38.37	37.91	39.44	38.23	40.26	40.81	44.96	40.55	36.70	33.66	30.10	28.69																
				70F (21.1C)	59F	TC	39.24	43.83	46.20	47.14	50.69	52.24	53.34	55.03	55.85	57.26	57.52	57.79	58.05	52.02	46.84	42.18	32.86	29.87																
						SC	26.68	30.24	31.87	32.52	36.26	37.70	39.63	41.47	42.68	44.61	46.22	46.61	42.15	43.07	39.82	36.43	31.73	29.57																
75F (23.9C)	63F			TC	40.92	45.47	48.44	49.43	52.58	54.77	55.63	57.08	58.55	59.40	59.67	59.95	60.22	54.25	48.59	44.22	34.45	30.99																		
				SC	27.01	30.46	32.92	33.59	37.06	38.95	40.72	42.38	44.08	45.59	47.23	47.64	48.49	41.64	38.46	37.63	32.78	30.65																		
80F (26.7C)	67F			TC	43.10	47.89	51.29	52.34	55.68	58.00	59.22	60.45	61.67	62.90	63.19	63.48	63.77	57.76	51.45	47.33	36.87	32.82																		
				SC	25.61	29.88	33.01	33.69	37.16	40.47	41.05	42.50	43.97	45.71	47.36	47.77	48.62	44.61	40.81	38.90	33.89	32.42																		

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)

S/T --- Sensible Capacity ratio



Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

Hyper Heat model

HEATING PERFORMANCE DATA - non-ducted

Heating ambient (F): -13, -5, 5, 17, 35, 47, 57

Zone	Model	Heating		Outdoor conditions (DB)														
		Indoor Conditions DB		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	0F (-17.8C)	5F (-15C)	17F (-8.3C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	35F (1.7C)	39.2F (4C)	44.6F (7C)	47F (8.3C)	53.6F (12C)	57F (13.9C)
Two Zone	BMHH18M22C Non-Ducted (208-230V)	60F (15.6C)	TC	10.02	12.22	14.90	16.38	19.04	19.38	19.44	19.59	19.79	19.87	20.29	21.36	22.48	23.15	23.85
			Input	2.06	2.30	2.40	2.44	2.57	2.36	2.15	1.93	1.72	1.51	1.55	1.60	1.65	1.67	1.68
		65F (18.3C)	TC	9.74	11.88	14.49	15.93	18.52	18.81	18.86	18.99	19.17	19.24	19.73	20.77	21.86	22.52	23.19
			Input	2.11	2.34	2.45	2.49	2.63	2.42	2.21	2.01	1.80	1.60	1.65	1.70	1.75	1.77	1.79
		70F (21.1C)	TC	9.55	11.65	14.21	15.52	18.08	18.32	18.37	18.47	18.62	18.68	19.03	20.03	21.09	21.72	22.37
			Input	2.15	2.39	2.50	2.54	2.68	2.48	2.28	2.08	1.89	1.69	1.74	1.79	1.85	1.87	1.89
		75F (23.9C)	TC	9.04	11.03	13.45	14.78	17.19	17.47	17.53	17.65	17.82	17.90	18.31	19.28	20.29	20.90	21.53
			Input	2.19	2.44	2.55	2.59	2.73	2.54	2.35	2.16	1.97	1.78	1.83	1.89	1.95	1.97	1.99
Three Zone	BMHH27M22C Non-Ducted (208-230V)	60F (15.6C)	TC	14.43	17.60	21.46	23.58	27.42	28.68	28.92	29.49	30.24	30.56	33.22	36.10	39.24	40.42	41.63
			Input	3.20	3.37	3.55	3.74	3.93	3.72	3.51	3.30	3.10	2.89	3.04	3.20	3.37	3.40	3.43
		65F (18.3C)	TC	14.15	17.25	21.04	23.12	26.88	28.12	28.36	28.91	29.65	29.96	32.56	35.40	38.47	39.63	40.82
			Input	3.20	3.37	3.55	3.74	3.93	3.74	3.54	3.34	3.14	2.95	3.10	3.26	3.44	3.47	3.50
		70F (21.1C)	TC	13.87	16.91	20.63	22.67	26.36	27.57	27.80	28.34	29.07	29.37	31.93	34.70	37.72	38.85	40.02
			Input	3.20	3.37	3.55	3.74	3.93	3.74	3.55	3.36	3.17	2.98	3.13	3.30	3.47	3.50	3.54
		75F (23.9C)	TC	13.59	16.58	20.21	22.21	25.83	27.02	27.25	27.78	28.48	28.78	31.29	34.01	36.97	38.07	39.22
			Input	3.20	3.37	3.55	3.74	3.93	3.75	3.57	3.39	3.21	3.03	3.19	3.36	3.54	3.57	3.61
Four Zone	BMHH36M22C Non-Ducted (208-230V)	60F (15.6C)	TC	19.26	23.49	28.64	31.47	36.60	38.28	38.60	39.35	40.36	40.78	44.33	48.18	52.37	53.94	55.56
			Input	3.20	3.37	3.55	3.74	3.93	3.92	3.90	3.89	3.87	3.86	4.06	4.28	4.50	4.55	4.59
		65F (18.3C)	TC	18.88	23.02	28.08	30.86	35.88	37.53	37.84	38.58	39.57	39.98	43.46	47.24	51.35	52.89	54.47
			Input	3.20	3.37	3.55	3.74	3.93	3.93	3.94	3.94	3.94	3.94	4.15	4.36	4.59	4.64	4.69
		70F (21.1C)	TC	18.51	22.57	27.53	30.25	35.18	36.79	37.10	37.83	38.79	39.20	42.61	46.31	50.34	51.85	53.41
			Input	3.59	3.78	3.98	4.19	4.41	4.42	4.44	4.45	4.46	4.47	4.68	4.89	5.10	5.15	5.20
		75F (23.9C)	TC	18.14	22.12	26.98	29.65	34.47	36.05	36.36	37.07	38.01	38.42	41.76	45.39	49.33	50.81	52.34
			Input	3.20	3.37	3.55	3.74	3.93	3.96	3.98	4.01	4.03	4.06	4.27	4.50	4.73	4.78	4.83
Five Zone	BMHH48M22C Non-Ducted (208-230V)	60F (15.6C)	TC	29.58	37.89	46.39	48.99	52.47	53.32	54.20	55.99	58.52	59.60	61.18	62.47	62.48	63.55	64.12
			Input	6.37	6.13	6.14	6.33	6.53	6.41	6.24	5.92	5.56	5.43	5.28	5.10	5.02	4.87	4.83
		65F (18.3C)	TC	29.06	37.08	45.26	48.21	51.19	51.97	52.77	54.47	57.10	58.09	59.57	60.77	61.44	62.61	63.36
			Input	6.44	6.28	6.29	6.48	6.67	6.54	6.37	6.05	5.68	5.56	5.39	5.20	5.13	4.98	4.92
		70F (21.1C)	TC	28.77	36.42	44.41	47.18	49.94	50.55	51.33	53.14	55.54	56.56	57.95	59.75	60.53	61.74	62.67
			Input	6.50	6.42	6.42	6.62	6.81	6.68	6.51	6.18	5.81	5.68	5.51	5.32	5.24	5.09	5.02
		75F (23.9C)	TC	27.85	35.29	43.08	45.81	48.54	49.19	49.79	51.60	53.93	54.98	56.38	57.96	58.78	59.95	60.73
			Input	6.67	6.59	6.59	6.81	6.98	6.86	6.69	6.35	5.96	5.83	5.66	5.46	5.39	5.22	5.15

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Capacity (1000 Btu/hour)

Input --- Total Power (kW)

COP --- (Btu/hour)/W



Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

Hyper Heat model

COOLING PERFORMANCE DATA - ducted

Zone	Model	Cooling		TC	-22F (-30C)	-13F (-25C)	-5F (-20.6C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	15F (-9.4C)	25F (-3.9C)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	115F (46.1C)	122F (50C)
		Indoor																				
		DB	WB																			
Two Zone	BMHH18M22C Ducted (208-230V)	65F (18.3C)	54F	TC	17.18	17.74	19.01	19.29	20.41	20.37	20.48	20.62	20.67	20.62	21.14	21.67	20.70	19.69	16.73	15.64	13.83	12.94
				SC	10.15	10.53	10.92	10.96	11.12	11.66	12.09	12.27	12.32	11.85	11.98	11.87	11.68	11.49	11.24	11.49	11.24	10.76
		70F (21.1C)	59F	TC	18.18	18.87	20.64	20.73	21.60	21.67	21.75	21.93	21.87	21.93	22.37	23.05	21.90	20.95	17.71	16.64	14.64	13.76
				SC	10.92	11.26	11.61	11.72	11.83	12.34	12.86	13.13	13.32	12.88	12.81	12.83	12.43	12.29	11.89	11.57	10.92	10.69
		75F (23.9C)	63F	TC	18.94	19.55	21.44	21.49	22.27	22.69	22.85	22.99	23.64	23.84	23.93	24.14	23.30	21.93	18.54	17.51	15.82	14.91
				SC	13.57	14.45	14.90	15.66	16.65	16.67	16.50	16.84	17.36	16.61	16.42	15.99	15.71	15.46	14.45	14.05	13.16	12.88
80F (26.7C)	67F	TC	20.15	21.03	22.81	22.99	23.69	24.01	24.31	24.62	25.02	25.36	25.59	25.54	24.79	23.21	19.62	18.63	16.75	15.86		
		SC	14.36	15.37	15.77	16.66	17.62	17.74	17.46	17.91	18.38	17.67	17.37	17.01	16.62	16.45	15.30	14.95	13.93	13.70		
Three Zone	BMHH27M22C Ducted (208-230V)	65F (18.3C)	54F	TC	23.54	24.75	26.45	26.70	26.86	27.34	28.16	28.53	28.66	29.08	29.49	29.64	28.64	27.32	24.29	22.70	20.76	19.63
				SC	18.40	19.16	19.26	19.54	20.48	21.24	21.55	22.09	23.05	21.54	21.10	20.69	20.95	20.30	20.25	19.36	18.44	18.48
		70F (21.1C)	59F	TC	25.31	26.47	28.14	28.87	28.97	29.26	29.35	29.62	30.98	31.61	31.54	31.03	30.47	28.61	25.43	23.89	22.45	21.27
				SC	19.58	20.60	20.49	20.90	21.79	22.47	22.93	23.65	24.39	22.91	22.57	21.90	22.29	21.48	21.43	20.60	19.51	19.66
		75F (23.9C)	63F	TC	26.78	28.16	29.78	30.71	30.66	31.44	31.70	31.89	32.78	33.62	33.38	33.01	32.24	30.44	26.91	25.42	23.75	22.63
				SC	19.79	20.08	20.82	21.24	21.91	22.59	23.05	23.50	24.39	22.91	22.33	22.02	21.76	21.25	20.88	20.27	19.83	19.37
80F (26.7C)	67F	TC	28.80	30.12	31.68	31.89	32.10	32.41	33.19	33.65	34.15	34.84	34.66	34.57	33.24	32.21	28.63	26.90	25.27	23.95		
		SC	21.05	21.59	22.15	22.72	23.31	23.91	24.52	25.16	25.81	24.38	23.88	23.30	23.14	22.49	22.10	21.57	20.98	20.61		
Four Zone	BMHH36M22C Ducted (208-230V)	65F (18.3C)	54F	TC	33.74	34.81	36.92	37.22	38.47	39.67	40.34	40.68	41.41	40.43	38.67	36.85	35.98	34.22	32.01	29.10	28.26	26.66
				SC	22.41	24.41	26.49	23.76	25.84	27.78	28.18	27.03	28.70	29.18	25.56	25.27	25.54	24.42	24.21	23.25	22.00	22.41
		70F (21.1C)	59F	TC	35.70	37.03	38.67	38.86	40.71	42.20	42.68	43.27	43.82	43.01	40.92	38.56	38.07	36.40	33.87	30.95	29.91	28.36
				SC	23.84	26.25	28.18	25.41	27.49	29.39	29.97	28.94	30.37	31.04	27.34	26.74	27.17	25.84	25.62	24.73	23.28	23.84
		75F (23.9C)	63F	TC	37.78	39.39	41.34	41.64	43.08	44.89	45.17	46.04	46.37	45.76	43.30	41.02	40.29	38.73	35.84	32.93	31.65	30.17
				SC	25.64	27.52	30.47	27.62	29.40	31.27	32.06	30.79	32.14	33.03	28.93	28.45	28.21	27.05	26.42	25.90	25.04	24.99
80F (26.7C)	67F	TC	40.62	42.13	43.98	44.21	45.83	47.51	48.05	49.29	49.33	48.99	46.31	44.35	42.86	40.98	38.13	35.26	33.88	32.62		
		SC	27.57	29.43	32.41	28.68	30.78	32.24	33.57	33.11	33.48	34.22	30.04	29.79	29.09	28.63	28.10	27.41	26.64	26.45		
Five Zone	BMHH48M22C Ducted (208-230V)	65F (18.3C)	54F	TC	34.87	38.10	38.59	39.06	40.92	41.75	44.17	47.28	50.70	53.90	52.21	50.52	48.83	45.11	44.79	40.55	32.16	30.39
				SC	24.90	27.59	27.56	27.90	30.30	31.19	33.97	35.02	37.88	43.47	38.67	37.75	40.02	37.61	37.33	34.24	30.57	30.15
		70F (21.1C)	59F	TC	36.56	39.52	40.46	40.96	42.67	43.31	46.31	49.84	52.59	55.91	54.16	52.41	50.66	47.30	46.71	42.06	33.37	31.36
				SC	25.36	27.82	28.47	28.82	31.14	31.88	35.09	38.31	40.99	44.43	44.38	43.12	37.52	39.94	40.50	37.05	32.23	31.08
		75F (23.9C)	63F	TC	38.13	41.00	42.42	42.94	44.27	45.40	48.29	51.70	55.14	58.00	56.18	54.37	52.55	49.33	48.45	44.10	34.98	32.53
				SC	25.67	28.02	29.41	29.77	31.82	32.93	36.05	39.15	42.35	45.40	45.36	44.07	43.16	38.62	39.12	38.27	33.29	32.20
80F (26.7C)	67F	TC	40.96	43.18	44.92	45.47	46.88	48.08	51.41	54.75	58.08	61.42	59.49	57.57	55.65	52.51	51.31	47.20	37.44	34.45		
		SC	24.34	27.48	29.49	29.85	31.91	34.05	36.35	39.26	42.24	45.53	45.49	44.19	43.28	41.37	41.51	39.57	34.42	34.10		

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)

S/T --- Sensible Capacity ratio



Heating and Cooling Performance Data

BLUERIDGE® Mini-Split Systems

Hyper Heat model

HEATING PERFORMANCE DATA - ducted

Zone	Model	Heating		Outdoor conditions (DB)														
		Indoor Conditions DB		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	0F (-17.8C)	5F (-15C)	17F (-8.3C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	35F (1.7C)	39.2F (4C)	44.6F (7C)	47F (8.3C)	53.6F (12C)	57F (13.9C)
Two Zone	BMHH18M22C Ducted (208-230V)	60F (15.6C)	TC	9.58	12.69	15.30	16.89	19.89	19.90	20.34	20.72	21.40	22.56	23.02	23.71	24.53	25.23	26.53
			Input	2.09	2.30	2.45	2.47	2.60	2.41	2.18	2.01	1.95	1.90	1.88	1.89	1.83	1.74	1.69
		65F (18.3C)	TC	9.24	12.30	14.93	16.27	19.31	19.35	19.63	20.08	20.61	21.65	22.31	22.84	23.36	24.31	25.51
			Input	2.15	2.38	2.51	2.51	2.68	2.47	2.25	2.06	2.03	1.95	1.95	1.92	1.88	1.80	1.74
		70F (21.1C)	TC	9.05	11.89	14.49	15.83	18.64	18.75	18.91	19.34	19.82	20.96	21.41	22.13	22.51	23.15	24.82
			Input	2.19	2.44	2.55	2.59	2.75	2.56	2.32	2.12	2.08	2.02	1.99	1.97	1.95	1.86	1.78
		75F (23.9C)	TC	8.82	11.47	14.09	15.32	17.20	18.04	18.57	18.80	19.19	20.46	20.60	21.73	21.95	22.76	24.07
			Input	2.24	2.52	2.63	2.66	2.85	2.64	2.41	2.20	2.16	2.09	2.07	2.03	2.02	1.95	1.83
Three Zone	BMHH27M22C Ducted (208-230V)	60F (15.6C)	TC	14.92	16.88	17.97	20.00	20.92	25.89	27.61	28.50	30.13	32.96	35.89	38.91	42.40	42.28	44.36
			Input	3.08	3.29	3.42	3.55	3.50	3.50	3.37	3.25	3.20	3.43	3.08	3.18	3.24	3.21	3.05
		65F (18.3C)	TC	14.40	16.36	17.54	19.26	20.31	25.18	26.65	27.61	29.03	31.75	34.57	37.06	40.93	40.97	42.74
			Input	3.16	3.41	3.52	3.67	3.59	3.64	3.44	3.34	3.31	3.51	3.20	3.24	3.32	3.27	3.15
		70F (21.1C)	TC	13.98	15.91	16.93	18.67	19.57	24.26	25.87	26.86	28.02	30.59	32.93	35.70	38.98	39.85	41.02
			Input	3.25	3.52	3.61	3.74	3.70	3.73	3.55	3.43	3.44	3.60	3.33	3.30	3.42	3.38	3.24
		75F (23.9C)	TC	13.63	15.36	16.45	18.07	19.10	23.34	25.41	26.11	27.13	29.86	31.67	35.06	38.01	39.17	39.79
			Input	3.32	3.64	3.71	3.84	3.83	3.85	3.68	3.56	3.57	3.72	3.47	3.40	3.55	3.55	3.33
Four Zone	BMHH36M22C Ducted (208-230V)	60F (15.6C)	TC	21.26	25.11	29.74	32.59	33.18	33.94	35.98	36.40	38.86	41.56	45.91	50.62	51.14	53.09	54.31
			Input	4.66	4.96	5.11	5.05	5.10	4.70	4.30	4.02	4.10	4.17	3.99	4.04	3.95	3.97	3.80
		65F (18.3C)	TC	20.52	24.33	29.02	31.40	32.22	33.02	34.73	35.27	37.43	40.03	44.23	48.21	49.36	51.45	52.32
			Input	4.78	5.14	5.25	5.22	5.22	4.88	4.38	4.14	4.23	4.28	4.15	4.11	4.05	4.03	3.92
		70F (21.1C)	TC	19.81	23.57	28.31	30.25	31.28	32.12	33.52	34.18	36.06	38.57	42.61	45.91	47.65	49.85	50.41
			Input	4.88	5.27	5.34	5.38	5.36	5.06	4.51	4.27	4.34	4.45	4.23	4.22	4.20	4.15	4.01
		75F (23.9C)	TC	19.26	22.82	27.63	29.74	30.34	31.32	32.45	33.36	34.69	37.64	40.99	45.09	46.31	48.11	48.99
			Input	4.99	5.46	5.50	5.53	5.55	5.22	4.68	4.44	4.51	4.59	4.40	4.35	4.36	4.36	4.12
Five Zone	BMHH48M22C Ducted (208-230V)	60F (15.6C)	TC	30.92	39.60	48.48	49.07	50.53	53.93	54.55	55.75	57.50	58.24	59.36	60.08	59.87	60.89	61.44
			Input	6.93	6.66	6.67	6.71	6.76	6.50	6.37	6.12	5.84	5.73	5.60	5.44	5.38	5.21	5.18
		65F (18.3C)	TC	30.37	38.75	47.30	48.30	49.30	52.56	53.12	54.24	56.10	56.76	57.80	58.44	58.87	59.99	60.71
			Input	7.00	6.82	6.83	6.86	6.91	6.63	6.50	6.26	5.97	5.86	5.72	5.55	5.49	5.33	5.26
		70F (21.1C)	TC	30.07	38.06	46.42	47.26	48.10	51.13	51.67	52.91	54.57	55.27	56.22	57.47	58.00	59.16	60.05
			Input	7.07	6.98	6.98	7.02	7.06	6.77	6.65	6.40	6.10	5.99	5.85	5.68	5.61	5.45	5.37
		75F (23.9C)	TC	29.11	36.88	45.02	45.89	46.75	49.75	50.12	51.38	52.99	53.72	54.71	55.74	56.32	57.45	58.19
			Input	7.24	7.16	7.17	7.22	7.23	6.95	6.83	6.57	6.25	6.15	6.01	5.83	5.77	5.59	5.52

LEGEND

- DB --- Dry Bulb
- WB --- Wet Bulb
- TC --- Total Net Capacity (1000 Btu/hour)
- Input --- Total Power (kW)
- COP --- (Btu/hour)/W